

**POSITIVE CRANKCASE VENTILATION IN AN ENGINE
HAVING A CYCLICALLY VARYING CRANKCASE VOLUME**

ABSTRACT OF THE DISCLOSURE

A method and apparatus providing positive crankcase ventilation, for the crankcase of an four-stroke engine having one or more reciprocating pistons exposed on a bottom side thereof to the crankcase, whereby the crankcase and bottom side of the one or more reciprocating pistons define a crankcase volume that varies cyclically with reciprocation of the one or more pistons. The cyclically varying volume of the crankcase, resulting from reciprocation of the one or more pistons, is used for generating a flow of air through the crankcase. The flow of air through the crankcase varies substantially in direct proportion to engine speed. An inlet control device and an outlet control device are attached to the crankcase, for controlling the flow of air through the crankcase.